## EAST Search History

| Ref #       | Hits  | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|-------------|-------|---|--|---------------------|---------|---------------------|
| S20         | 25298 | (graft near copolymer).clm.<br>or (graft near copolymer).<br>ti. or (graft near<br>copolymer).ab.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:28 |
| S21         | 8696  | (polyethylene or<br>polypropylene or<br>polyisobutylene or<br>polybutadiene) and S20  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:31 |
| S22         | 5065  | (\$6acrylate or<br>\$6polyacrylate or<br>\$6acrylamide or<br>\$6polyacrylamide) and \$21  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:33 |
| S23         | 5180  | (\$6acrylate or<br>\$6polyacrylate or<br>\$6acylamide or<br>\$6polyacrylamide or<br>\$6polymethacrylate or<br>"(meth)acrylate" or<br>"(polymethyl near2 ("(meth)<br>acrylate" or methacrylate)))<br>and \$21  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:36 |
| S24         | 1669  | dispersion and S23  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:36 |
| <b>S</b> 25 | 358   | (\$2decanol or \$2dodecanol or \$2octadecanol or \$2octadecanol or \$2octanol or \$2octanol or \$(/oleyl or capryl or capric or linoeyl or palargonic or myristyl or palmitoleyl or stearyl or isostearyl or ceryl or fatty or lauryl or myricyl) near alcohol)) and \$24 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR                  | ON      | 2008/06/04<br>11:37 |
| S26         | 252   | S25 @ad<"20021212"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND                 | ON      | 2008/06/04<br>11:39 |
| S27         | 27    | cosmetic and S26  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND                 | ON      | 2008/06/04<br>11:42 |
| S28         | 9     | (polymer near particle) and \$27  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND                 | ON      | 2008/06/04<br>11:42 |

| S29         | 50168 | (graft\$4 near copolymer)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04<br>12:11 |
|-------------|-------|--|--|-----|-----|---------------------|
| S30         | 8696  | S29 and S21  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04<br>12:11 |
| S31         | 5065  | S30 and S22  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04<br>12:11 |
| S32         | 1648  | dispersion and S31   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04<br>12:11 |
| S33         | 358   | (\$2decanol or \$2dodecanol or \$2octadecanol or \$2octadecanol or \$2octanol or \$2octanol or \$((oley) or capryl or capric or linoleyl or pelargonic or myristyl or palmitoleyl or stearyl or isostearyl or ceryl or fatty or lauryl or myricyl) near alcohol)) and \$32 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04          |
| <b>S</b> 34 | 553   | (\$2decanol or \$2dodecanol or \$2odadecanol or \$2odadecanol or \$2nonanol or \$2octanol or ((oley) or capryl or capric or linoleyl or palarigonic or myristyl or palmitoleyl or stearyl or isostearyl or ceryl or fatty or lauryl or myricyl) near alcoholl) and \$31    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | ON  | 2008/06/04<br>12:13 |
| S35         | 90    | (polymer near particle) and S34  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/06/04<br>12:13 |
| S36         | 25    | cosmetic and S35   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/06/04<br>12:13 |
| <b>S</b> 37 | 14    | S36 @ad<"20021212"   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/06/04<br>12:13 |
| S38         | 5     | US-6139826-\$.DID. OR US-<br>5632998-\$.DID. OR US-<br>5852123-\$.DID. OR US-<br>6037414-\$.DID. OR US-<br>5625005-\$.DID.   | US-PGPUB;<br>USPAT; USOCR                          | OR  | OFF | 2008/06/04<br>14:01 |

| S39         | 46940 | (graft or comb) near<br>\$2polymer                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:44 |
|-------------|-------|---|---|-----|----|---------------------|
| S40         | 1483  | \$6acrylic near (backbone or core)                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:45 |
| S41         | 2852  | hydrophobic near<br>(macromolecule or "side<br>chain")  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:46 |
| S42         | 7     | S40 and S41   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:47 |
| S43         | 5     | (dispersion or (polymer<br>near particle)) and S42      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:47 |
| S44         | 1     | S43 @ad<"20021212"                                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT          | AND | ON | 2008/06/04<br>14:47 |
| <b>S</b> 45 | 1698  | \$6acrylic near (backbone or core or (main near chain)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:50 |
| S46         | 47206 | (graft or comb) near<br>\$3polymer                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:50 |
| S47         | 435   | S45 and S46   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:51 |
| S48         | 245   | (dispersion or (polymer<br>near particle)) and S47      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:51 |

| S49 | 145   | S48 @ad<"20021212"                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT          | AND | ON | 2008/06/04<br>14:51 |
|-----|-------|--|---|-----|----|---------------------|
| S50 | 21    | cosmetic and S49                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT          | AND | ON | 2008/06/04<br>14:51 |
| S51 | 58930 | ((graft or comb) near<br>(\$3polymer or copolymer) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:53 |
| S52 | 516   | S51 and S45  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:53 |
| S53 | 295   | (dispersion or (polymer<br>near particle)) and S52 | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR  | ON | 2008/06/04<br>14:53 |
| S54 | 168   | \$53 @ad<"20021212"                                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT          | AND | ON | 2008/06/04<br>14:53 |
| S55 | 25    | cosmetic and S54                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT          | AND | ON | 2008/06/04<br>14:54 |

<sup>6/5/2008 1:07:00</sup> PM

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